

Solvay Hall 7.2 Booth J95 | Chinaplas 2018 - April 24-27

## Technyl® e-range boosts electro-protection of new mobility components

**Shanghai, PR China, April 22, 2018** – Solvay Performance Polyamides announces significant advances in its Technyl® portfolio of polyamides (PA) to provide fit-for-purpose and cost-efficient solutions to meet major challenges and disruptive trends such as connectivity and autonomy as hybrids, all-electric (xEV) and autonomous vehicles share a common and growing need for improved electrical and electronic components performance.

*“China is playing an increasing role in the field of e-mobility,”* says Nicolas Batailley, Global e-Mobility Leader for Solvay Performance Polyamides. *“While the country nearly accounts for one-third of the world’s automotive production, the share of both hybrid and fully electric vehicles manufactured in China has been set to an ambitious target of 20 percent by 2025, which represents almost seven million vehicles. Our Technyl® range has been further enriched to help reach this challenging goal.”*

The enhanced Technyl® range comprises flame retardant (FR) solutions, electro-friendly products in both pure and high purity grades and the novel ion-free PA66 grade for fuel cell applications. Developed in close collaboration with OEMs and Tier 1 partners, this pioneering range meets the challenges in terms of cost, performance and sustainability at the highest levels in the market.

*“We have also developed a range of highly stable Technyl® orange colored grades as we continue to innovate our portfolio for e-driven vehicle applications,”* adds Batailley. *“Orange is the new black for ease of identification as we focus on components designed to handle high voltages, such as connectors, circuit breakers and insulators.”*

Solvay Performance Polyamides offers an exclusive level of support to help customers in the overall design process to fully exploit its Technyl® material solutions thanks to a unique combination of competencies and services to speed time-to-market. This offering includes predictive simulation with MMI® Technyl® Design<sup>1</sup>, 3D printing of PA6-based functional prototypes in Sinterline® PA6 powders as well as part testing at fully equipped Application Performance Testing (APT®) validation centers which include Shanghai.

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<sup>1</sup> MMI Technyl® Design is an advanced service powered by Digimat from e-Xstream, an MSC Software Company

**Solvay** is an advanced materials and specialty chemicals company, committed to developing chemistry that address key societal challenges. Solvay innovates and partners with customers worldwide in many diverse end markets. Its products are used in planes, cars, batteries, smart and medical devices, as well as in mineral and oil and gas extraction, enhancing efficiency and sustainability. Its light-weighting materials promote cleaner mobility, its formulations optimize the use of resources and its performance chemicals improve air and water quality. Solvay is headquartered in Brussels with around 24,500 employees in 61 countries. Net sales were €10.1 billion in 2017, with 90% from activities where Solvay ranks among the world's top 3 leaders, resulting in an EBITDA margin of 22%. Solvay SA ([SOLB.BE](https://www.solb.be)) is listed on Euronext Brussels and Paris (Bloomberg: [SOLB.BB](https://www.solb.bb) - Reuters: [SOLB.BR](https://www.solb.br)) and in the United States its shares (SOLVY) are traded through a level-1 ADR program

Learn more about Technyl® brand at [www.technyl.com](http://www.technyl.com) and follow us on [TWITTER](https://twitter.com/technyl) / [Facebook](https://www.facebook.com/technyl) / [Youtube](https://www.youtube.com/technyl) / [Instagram](https://www.instagram.com/technyl)

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Solvay Performance Polyamides' Technyl® e-range focuses on the surging demand for materials capable of handling the cost/performance challenges of automotive electrical and electronic components, including signal orange colored grades for high-voltage applications such as connectors, circuit breakers, sensors and insulators in the growing market segment of e-mobility.

Photo: Solvay Performance Polyamides